

Name of the Programme: B. Tech. (Mechatronics Engineering)


Year of the Programme: First year

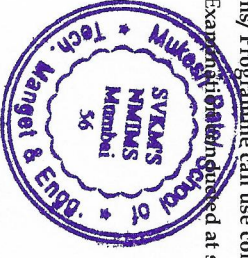
Semester: I & II

Sr. No.	Module / Subject Code	Name of the Module	Theory Hours per week	Tutorials Hours per week	Practicals Hours per week	Total no. of hours for the subject	Credits	Credit types	Duration of Examination (Hrs)		Mode of Exam	Distribution of Continuous Evaluation Marks				Marks on Question Paper	Scaled Marks (Marks)	Marks (Continuous Evaluation+TEE)	Template Codes	GR applicable (Yes/No)	Remarks		
									Term End Examination	Continous Evaluation		Test I	Test II	Term work *	Total Marks							Scaled to (Marks)	TEE
Semester - I																							
1	BTMAA01001	Mathematics-I	3	1	0	4	4	full credit	3	--	Written	15	15	20	50	50	100	50	100	100	7031	Yes	
2	BTMAA01002	Basic Electrical Engineering	3	1	2	6	5	full credit	3	--	Written	15	15	20	50	50	100	50	100	100	7031	Yes	
3	BTMAA01003	Physics	3	1	2	6	5	full credit	3	--	Written	15	15	20	50	50	100	50	100	100	7031	Yes	
4	BTMAA01004	Engineering Graphics & Design	1	0	4	5	3	full credit	3	--	Practical	15	15	20	50	50	100	50	100	100	7031	Yes	NUE
5	BTMAA01005	Constitution of India	2	0	0	2	0	non credit	--	Continous Evaluation	--	15	15	20	50	50	--	--	50	100	7032	No	
Total			12	3	8	23	17	--	12	--	--	75	75	100	250	250	400	200	450				
Semester - II																							
1	BTMAA02008	Mathematics-II	3	1	0	4	4	full credit	3	--	Written	15	15	20	50	50	100	50	100	100	7031	Yes	
2	BTMAA02009	Programming for Problem Solving	3	0	4	7	5	full credit	3	--	Written	15	15	20	50	50	100	50	100	100	7031	Yes	
3	BTMAA02010	Chemistry	3	1	2	6	5	full credit	3	--	Written	15	15	20	50	50	100	50	100	100	7031	Yes	
4	BTMAA02011	Workshop / Manufacturing Practices	1	0	4	5	3	full credit	--	Continous Evaluation	--	--	--	50	50	--	--	50	100	100	7032	No	
5	BTMAA02012	English	2	0	2	4	3	full credit	3	--	Written	15	15	20	50	50	100	50	100	100	7031	Yes	
Total			12	2	12	26	20	--	12	--	--	60	60	130	250	250	400	200	450				

*Term Work = Viva / Presentations/ Journals/ assignments/ quizzes / MCQs/Business plans/Role plans etc.

syllabus common for different streams/ Programme can use common question paper. (for eg : B.TECH (Stream) & MBA.TECH (Stream))
NUE = Non University Examination (Examinations conducted at school level)

HOD: 
Dr. Ajay Phrike



Dean: 
Dr. N. T. Rao

Date: 14/07/2018